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四川升麻属一新种

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A NEW SPECIES OF *CIMICIFUGA* FROM SICHUAN

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Abstract One new species of the genus *Cimicifuga* (Ranunculaceae) is described from Sichuan Province, China. It is *C. lancifoliolata* X. F. Pu et M. R. Jia.
Key words *Cimicifuga*; *C. lancifoliolata*
关键词 升麻属；披针升麻

披针升麻 新种 图1

Cimicifuga lancifoliolata X. F. Pu et M. R. Jia, sp. nov.

Species *C. brachycarpae* Hsiao similis, sed differt rhizomate haud lignescenti; foliolis lateralibus lanceolatis velovato-lanceolatis; staminodiis oblatis, apice irregulariter 4 — 6-obtuso-dentatis et interdum 2 — 3-fidis, haud simpliciter bilobatis, basi nectariferis; folliculis longieribus.

Perennis, 1 — 1.5m altus. Rhizoma crassum, carnosulum. Folia alterna, 1 — 3-ternato-pinnata; lamina chartacea, supra glabra, subtus secus nervos pubescens; foliolis terminalibus rhombiodeis vel rhombiodeo-lanceolatis, 10 —14.5 cm longis, 3.5 —9 cm latis, trilobis vel tripartitis, apice longe acuminatis, basi anguste cuneatis, foliolis lateralibus lanceolatis vel ovato-lanceolatis, (4 —) 7 — 15.5cm longis, 1.5— 4cm latis, supremis basi decurrentibus. Panicula 15 — 38cm longa, dense griseo-pubescens, ramis 2 — 7; flores parvi, 4 — 6mm diam.; bracteae subulatae, 1 — 1.5mm longae; pedicelli 1.5 — 3mm longi; sepala obovato orbicularia, c. 4mm longa; staminoidea 2 —3, late orbicularia, 2 —3mm longa, c. 3mm lata, manifeste stipitata (stipite 0.5 — 1mm longo), apice

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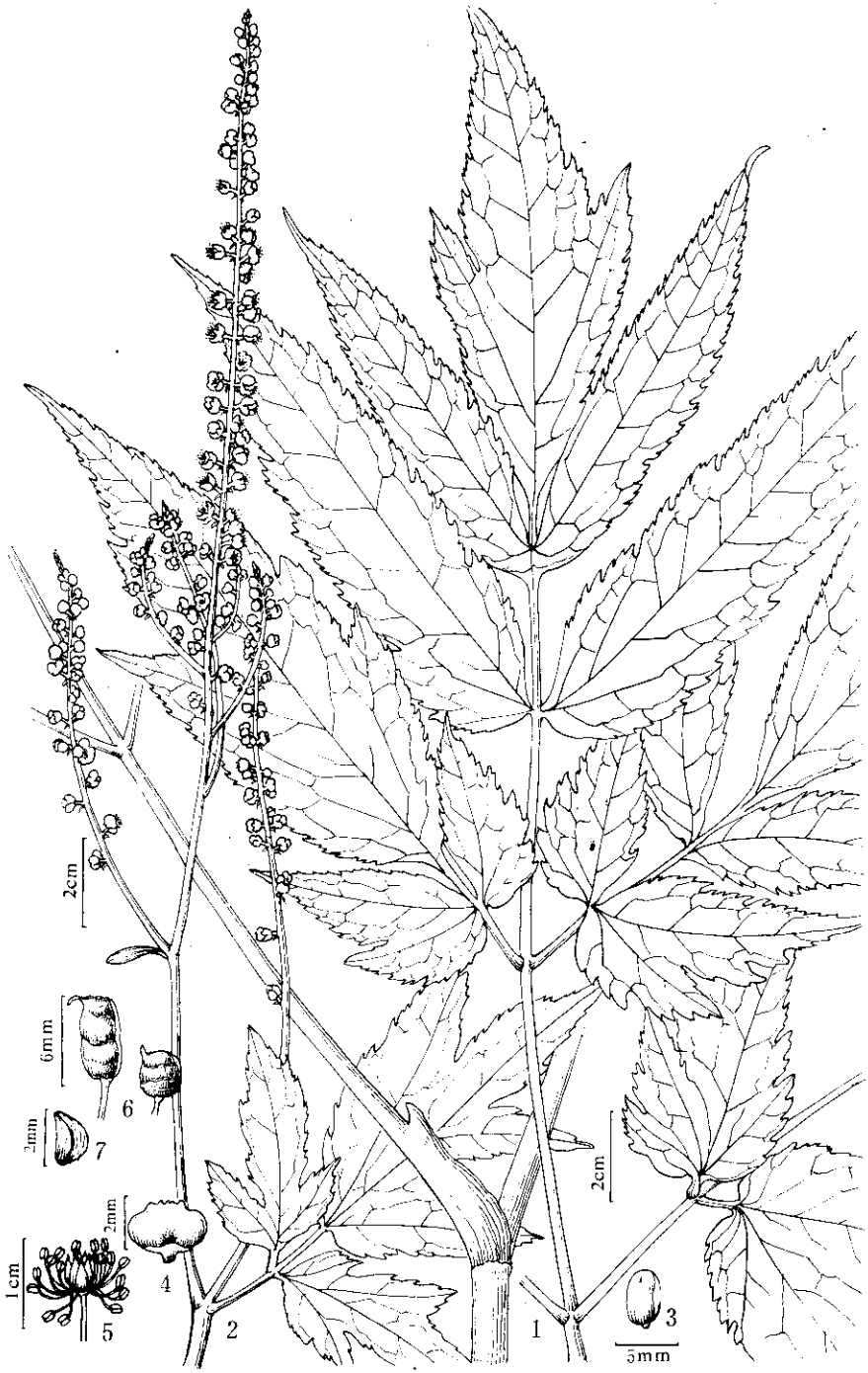

图 1　披针升麻　1. 叶; 2. 花序; 3. 萼片; 4.退化雄蕊; 5. 去萼片和退化雄蕊的花; 6. 果实; 7. 种子。

Fig. 1 *Cimicifuga lancifoliolata*　1. leaf; 2. inflorescence; 3. sepal; 4. staminode; 5. flower removed sepals and staminodes; 6. fruit; 7. seed.

irregulariter 4 — 6-obtusodentata et interdum 2 — 3-fida, non membranacea, basi nectarifera; stamina c. 5mm longa; carpella (3 —) 5 — 10, glaberrima, stipitata. Folliculi oblongi vel suborbiculares, glaberrimi, 3 — 5mm longi, 2 — 3mm lati, basi stipitati(stipite c. 2mm longo), apice rostrati, c. 1 mm longi; semina 4 — 7, prismatico-ovoidea, nigro-brunnea, 1 — 2mm longa, rugosa, squamis transversis et alis membranaceis peripheralibus carentia.

Sichuan (四川): Dayi(大邑), Dafeishui(大飞水)in sylvis humidis, alt. 2480m, 1989. 07. 23, X. F. Pu et al. 89002(Typus, CDTMC; Isotypus, PE): ibid., 1989. 09. 29, X. F. Pu 89022.

株高1 — 1.5m。根茎粗壮，稍肉质。具1 — 3回三出羽状复叶，纸质，表面无毛，背面沿脉被短柔毛；顶生小叶菱形或菱状披针形，长10 — 14.5cm，宽3.5 — 9cm，三浅裂至三深裂，先端长渐尖，基部狭楔形，侧生小叶披针形或卵状披针形，长(4 —) 7 — 15.5cm，宽1.5 — 4cm，最上一对侧生小叶基部下延。圆锥花序长15 — 38cm，密被灰色短柔毛，具分枝2 — 7条；花小，直径4 — 6mm；苞片钻形，长1 — 1.5mm；花梗长1.5 — 3mm；萼片倒卵状圆形，长约4mm；退化雄蕊2 — 3，扁圆形，长2 — 3mm(含0.5 — 1mm长的柄)，宽约3mm，先端具不规则钝齿4 — 6个，偶再不规则2或3深裂，基部具蜜腺；雄蕊长约5mm；心皮(3 — 75 — 10，无毛，具短柄。蓇葖果矩圆形或近圆形，长3 — 5mm，宽2 — 3mm，具喙，长约1mm；种子4 — 7，棱状卵形，黑褐色，长1 — 2mm，表面粗糙，无横鳞及周翅。

本种近似短果升麻，但根茎非木质；侧生小叶披针形或卵状披针形；退化雄蕊扁圆形，先端非简单2.裂，基部具蜜腺；蓇葖果较长。

CDTMC=Chengdu College of Traditional Chinese Medicine.